

IN THE CLAIMS

Claims 1-39 (cancelled)

1 Claim 40: (currently amended) A telephone call and voice call/~~voice~~ processing system  
2 comprising:

3 circuitry adaptable for coupling the system to an analog telephone extension,  
4 wherein the analog telephone extension includes a display operable for displaying  
5 alphanumeric information, and wherein the analog telephone extension includes a first  
6 caller ID modem;

7 circuitry for creating and storing a message associated with the analog telephone  
8 extension;

9 a second caller ID modem coupled to the circuitry adaptable for coupling the  
10 system to the analog telephone extension;

11 circuitry for retrieving the message from the storing circuitry to the second caller  
12 ID modem;

13 circuitry for sending the message from the second caller ID modem to the first  
14 caller ID modem; and

15 circuitry for displaying the message on the display,  
16 wherein the message does not include a phone number and an identity of a calling  
17 party.

1 Claim 41: (original) The system as recited in claim 40, wherein retrieval and sending of  
2 the message to the first caller ID modem is performed in response to receipt of an  
3 incoming call to the system intended for the analog telephone extension.

1 Claim 42: (original) The system as recited in claim 41, wherein the message is sent to  
2 the first caller ID modem while the analog telephone extension is being rung by the  
3 system.

Claim 43: (cancelled)

1 Claim 44: (original) The system as recited in claim 42, further comprising:  
2           circuitry for coupling the system to a public switched telephone network; and  
3           circuitry for receiving the incoming call from the public switched telephone  
4 network.

1 Claim 45: (original) The system as recited in claim 42, further comprising:  
2           switching circuitry adaptable for receiving the incoming call, wherein the  
3 switching circuitry is adaptable for connecting the incoming call to the analog telephone  
4 extension; and  
5           voice processing circuitry adaptable for automatically interacting with the  
6 incoming call, wherein the switching circuitry and the voice processing circuitry are  
7 controlled by a single processing means in the system.

1 Claim 46: (original) The system as recited in claim 45, wherein the voice processing  
2 circuitry further comprises a signal processing circuitry coupled to the single processing  
3 means.

1 Claim 47: (original) The system as recited in claim 46, wherein the switching circuitry  
2 further comprises a digital cross-point matrix coupled to the single processing means and  
3 to the signal processing circuitry.

1 Claim 48: (original) The system as recited in claim 45, wherein the single processing  
2 means is controlled by a single set of software operable for controlling both the switching  
3 circuitry and the voice processing circuitry.

1 Claim 49: (currently amended) In a telephone call and voice ~~call/voice~~ processing  
2 system, a method comprising the steps of:

3 creating and storing a message associated with an analog telephone extension  
4 coupled to the system, wherein the analog telephone extension includes a display  
5 operable for displaying alphanumeric information, and wherein the analog telephone  
6 extension includes a first caller ID modem;

7 retrieving the message to a second caller ID modem in said system; and  
8 sending the message from the second caller ID modem to the first caller ID  
9 modem,

10 wherein the message does not include a phone number and an identity of a calling  
11 party.

1 Claim 50: (original) The method as recited in claim 49, further comprising the step of:  
2 displaying the message on the display.

1 Claim 51: (original) The method as recited in claim 50, wherein the retrieving and  
2 sending steps are performed in response to receipt of an incoming call to the system  
3 intended for the analog telephone extension.

1 Claim 52: (previously presented) The method as recited in claim 51, wherein the  
2 sending step includes a step of ringing the analog telephone extension in response to the  
3 receipt of the incoming call.

Claim 53: (cancelled)

1 Claim 54: (original) The method as recited in claim 52, wherein the incoming call is  
2 received from a public switched telephone network coupled to the system.

1 Claim 55: (previously presented) A method comprising the steps of:  
2           formulating a message that does not include one or both of a phone number and  
3 an identity of a calling party; and  
4           transmitting between first and second caller ID modems the message.

Claim 56: (cancelled)

1 Claim 57: (previously presented) The method as recited in claim 55, wherein the  
2 transmitting step further comprises the steps of:  
3           retrieving the message by the first caller ID modem;  
4           in the first caller ID modem, converting the message into tones;  
5           transmitting the tones to the second caller ID modem; and  
6           in the second caller ID modem, converting the tones back into the message.

1 Claim 58: (original) The method as recited in claim 57, further comprising the steps of:  
2           delivering the message from the second caller ID modem to a display circuit in a  
3 telephone unit; and  
4           displaying the message.

1 Claim 59: (original) The method as recited in claim 58, wherein the transmitting step is  
2 performed in response to receipt of an incoming call intended for the telephone unit, and  
3 wherein the transmitting step is performed in conjunction with connecting the incoming  
4 call to the telephone unit.

Claim 60: (cancelled)

1 Claim 61: (currently amended) A telephone call and voice ~~call/voice~~ processing system  
2 comprising:

3 circuitry adaptable for coupling the system to an analog telephone extension,  
4 wherein the analog telephone extension includes a display operable for displaying  
5 alphanumeric information, and wherein the analog telephone extension includes a first  
6 caller ID modem;

7 circuitry for creating and storing a message associated with the analog telephone  
8 extension;

9 a second caller ID modem coupled to the circuitry adaptable for coupling the  
10 system to the analog telephone extension;

11 circuitry for retrieving the message from the storing circuitry to the second caller  
12 ID modem;

13 circuitry for sending the message from the second caller ID modem to the first  
14 caller ID modem; and

15 circuitry for displaying the message on the display,  
16 wherein the message does not include either a phone number or an identity of a  
17 calling party.

1 Claim 62: (currently amended) In a telephone call and voice ~~call/voice~~ processing  
2 system, a method comprising the steps of:

1           creating and storing a message associated with an analog telephone extension  
2       coupled to the system, wherein the analog telephone extension includes a display  
3       operable for displaying alphanumeric information, and wherein the analog telephone  
4       extension includes a first caller ID modem;  
5           retrieving the message to a second caller ID modem in said system; and  
6           sending the message from the second caller ID modem to the first caller ID  
7       modem,  
8           wherein the message does not include either a phone number or an identity of a  
9       calling party.